

# SAFETY DATA SHEET

## Logisan 30

Quick drying alcohol based sanitizer


Internationally  
and  
Independently  
Tested



### 1. PRODUCT IDENTIFICATION

PRODUCT IDENTIFIER	Alcohol Based Hand Sanitizer
TRADE NAME	Logisan 30
RECOMMENDED USE	Hand Sanitizer
RESTRICTIONS ON USE	None
SUPPLIER DETAILS	Sentratek Holdings Pty (Ltd) 24 Lansdowne Place Central Port Elizabeth South Africa
EMERGENCY PHONE NUMBER	+27 41 586 1400 (08:00 to 17:00 - Monday to Friday) +27 72 956 8798 (24 Hours)

### 2. HAZARD IDENTIFICATION

CLASSIFICATION	Combustible Liquid
LABEL ELEMENTS	
HAZARD STATEMENTS	Warning! Combustible Liquid. Risk of serious damage to eyes. Vapours may cause drowsiness or dizziness.
PRECAUTIONARY STATEMENTS	Keep out of reach of children. Keep container tightly closed. Keep away from sources of ignition – No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Wear eye/face protection.
OTHER HAZARDS	None

### 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	Blend of Detergents and Propyl Alcohol
COMMON NAME / SYNONYMS	Isopropyl Alcohol

Logisan 30 | Version 1: 10/08/2017 – DM\_ITK version

CAS NUMBER	67-63-0	
EC NUMBER	200-661-7	
<b>HAZARDOUS COMPONENTS</b>		
CHEMICAL IDENTITY	CONCENTRATION RANGE	HAZARD
ISOPROPYL ALCOHOL	<35%	Xi; R10, R36, R67

#### 4. FIRST AID MEASURES

PRODUCT IN EYE	Rinse the eyes gently with water for at least 15 minutes. Seek medical attention.
PRODUCT ON SKIN	Not expected to require first aid measures.
PRODUCT INGESTED	Will cause intoxication if ingested. Seek immediate medical attention.
PRODUCT INHALED	If vapors are inhaled, remove the individual to a well-ventilated area. If difficulty in breathing results, obtain urgent medical attention.

#### 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Product may support combustion. Use CO <sub>2</sub> , water, foam or dry powder.
SPECIAL HAZARDS	None
PROTECTIVE CLOTHING	Full protective suit with breathing apparatus. Goggles, gloves, safety boots etc.
OTHER INFORMATION	None

#### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Clear spill site. Wear protective clothing, gloves, goggles and respirator mask. Avoid inhalation of Alcohol vapors. Caution: slippery conditions.	
ENVIRONMENTAL PRECAUTIONS	Prevent run-off into sewers or any ground or surface water-way.	
CLEAN-UP METHODS	Small Spills	Wash away residues with large amounts of water.
	Large spills	Contain spill and absorb with inert material. Collect in containers for disposal.

#### 7. HANDLING AND STORAGE

HANDLING/STORAGE PRECAUTIONS	Contain spill and absorb with inert material. Collect in containers for disposal. Avoid exposure to naked flames and sparks.
SUITABLE MATERIALS	Store in plastic containers.
UNSUITABLE MATERIALS	Keep away from strong bases, acids and chlorine based products.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE STANDARDS	HSE	TWA: 250 ppm
	MAK	No data available.
	ACGIH	No data available.
ENGINEERING CONTROL MEASURES	Use local exhaust ventilation.	
PERSONAL PROTECTION	RESPIRATORY	Wear half-mask respirator with organic vapor cartridge NPF 20.
	HAND	None
	EYE	Mono-goggles.
	SKIN	Overalls / plastic apron / gum boots.
OTHER PROTECTIVE MEASURES	None	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	PHYSICAL STATE	Liquid.
	COLOUR	Clear.
ODOUR		Alcohol
ODOUR THRESHOLD		No data available
PH		7.0 - 9.0
MELTING POINT / FREEZING POINT		No data available
INITIAL BOILING POINT		>80°C.
BOILING RANGE		No data available
FLASH POINT		33°C (PMCC)
EVAPORATION RATE		No data available
FLAMMABILITY(SOLID, GAS)		Flammable.
UPPER/LOWER FLAMMABILITY		No data available
EXPLOSIVE LIMITS		Not applicable.
VAPOUR PRESSURE		No data available
VAPOUR DENSITY		No data available.
RELATIVE DENSITY		0.92 Kg/L.

SOLUBILITY - WATER	Soluble.
SOLUBILITY - SOLVENT	Soluble.
PARTITION COEFFICIENT: N-OCTANOL/WATER	No data available
AUTOIGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available

## 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions
HAZARDOUS REACTIONS	None known
CONDITIONS TO AVOID	Extreme heat / Misting
INCOMPATIBLE MATERIALS	Strong bases, Nitric acid, Chlorine.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon Monoxide, Carbon Dioxide
POLYMERIZATION	None

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	LD50 oral (rat), 3160 mg/kg
SKIN AND EYE CONTACT	Severe irritation with impaired vision
CHRONIC TOXICITY	Inhalation can cause lung oedema.
CARCINOGENICITY	No risk.
MUTAGENICITY	No data available.
REPRODUCTIVE HAZARDS	None

## 12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY – FISH	LC 50, > 100 mg/l.
AQUATIC TOXICITY – DAPHNIA	EC 50, > 100 mg/l
AQUATIC TOXICITY – ALGAE	IC 50, > 100 mg/l
BIODEGRADABILITY	Biodegradable
BIO-ACCUMULATION	Product is not expected to bio-accumulate
MOBILITY IN SOIL	No data available.



### 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Must comply with Local, Provincial and National regulations. Waste characterization and compliance with Disposal Regulations is the responsibility of the waste generator.
DISPOSAL OF PACKAGING	Must comply with Local, Provincial and National regulations. Waste characterization and compliance with Disposal Regulations is the responsibility of the waste generator.

### 14. TRANSPORT INFORMATION

UN NUMBER	1993
UN PROPER SHIPPING NAME	Combustible Liquid N.O.S.
HAZARD CLASS	3
PACKING GROUP	III
MARINE POLLUTANT	Not Listed as a Marine Pollutant
SPECIAL PRECAUTIONS	None

### 15. REGULATORY INFORMATION

HAZARD CLASSIFICATION	Flammable Liquid
RISK PHRASES	R10, R41, R67
SAFETY PHRASES	S2 / S7 / S16 / S 26 / S39
RSA NATIONAL LEGISLATION	Occupational Health and Safety Act (No. 85 of 1993) Regulation R1449 of 6 September 1996. Government Notice No. 17403. Regulations for Hazardous Chemical Substances. <b>SANS 10265</b> - The classification and labeling of dangerous substances and preparations. <b>SANS 10234</b> – Globally harmonized system of classification and labeling of chemicals (GHS).

### 16. OTHER INFORMATION

<b>HAZARD SYMBOLS INFORMATION</b>	
Xi	Irritant

<b>RISK PHRASES INFORMATION</b>	
R10	Flammable
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

<b>SAFETY PHRASES INFORMATION</b>	
S2	Keep out of reach of children.
S7	Keep container tightly closed.
S16	Keep away from sources of ignition – NO SMOKING.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39	Wear eye / face protection.

MSDS PREPARATION DATE	10 August 2017
MSDS SERIAL No.	
COMPILED BY	G.Whitaker
APPROVED BY	Don Mackay
DATE OF APPROVAL	10 August 2017
DATE OF REVISION / STATUS	Rev 0

**DISCLAIMER:**

The information contained herein is based on our best current technical knowledge of the product concerned and is given in good faith. The attention of end users is drawn to (amongst other things) the element of risk consequent to the use of the product for purposes other than that for which it was intended. In no way does the document remove the need for the user of this product to fully understand and apply statutory requirements. It is the user's sole responsibility to take due precautions relative to the use made of the product. All the information included herein is intended onto to assist the reader in fulfilling his or her statutory duty connected with the use of hazardous materials. This list of information must not be considered as exhaustive and does not exonerate the reader from taking other precautions described in documents other than those mentioned concerning the storage and use of the product for which he or she remains the sole person responsible.